

# MasterClass LEDtube InstantFit T8

# 10T8/48-5000 IF 10/1

The Masterclass LED Type A - Ballast Driven (Plug and Play) InstantFit TLED is a great LED solutionsuitable for replacing T8 fluorescent lamps, using an exisiting ballast. Specific lamps can also be used on Philips Xitanium driver for Type C applications.

### **Product data**

General Information					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	50,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	850 [CCT of 5000K]				
Luminous Flux	1,600 lm				
Correlated Color Temperature (Nom)	5000 K				
Color Consistency	<6				
Color rendering index (CRI)	82				
LLMF At End Of Nominal Lifetime (Nom) 70 %					
Operating and Electrical					
Line Frequency	50 to 60 Hz				
Input Frequency	50 to 60 Hz				
Power Consumption	10 W				
Starting Time (Nom)	0.5 s				

Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	120-277, 347 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	40 °C				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	1,200 mm				
Approval and Application					
Energy Saving Product	Yes				
Suitable For Accent Lighting	No				
Approval Marks	UL certificate RoHS compliance DLC				
	compliance				
Energy Consumption kWh/1000 h	- kWh				

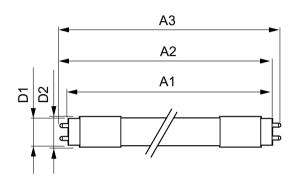
Datasheet, 2023, December 6 data subject to change

## MasterClass LEDtube InstantFit T8

Energy Certifications	DLC Standard			
Product Data				
Order product name	10T8/48-5000 IF 10/1			
Full product name	10T8/48-5000 IF 10/1			
Order code	929001124264			
Material Nr. (12NC)	929001124264			

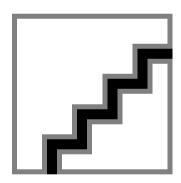
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677472221
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677468298

## Dimensional drawing



Product	D1	D2	A1	A2	A3
10T8/48-5000 IF 10/1	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

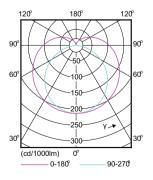
### Photometric data





Spectral Power Distribution Colour - 10T8/48-5000 IF 10/1

General uniform lighting - 10T8/48-5000 IF 10/1



Light Distribution Diagram - 10T8/48-5000 IF 10/1

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